

ABSTRACT

In one embodiment, a method for synthesizing a texture of a desired size from a sample texture is provided. The method comprises the steps of generating a matrix of the desired size, and providing values to the matrix. The values include random values and at least a portion of the values represents a desired structure according to which graphical features of a synthesized texture are to substantially conform. The method further comprises executing a texture synthesis process that utilizes the matrix to generate a synthesized texture of the desired size having graphical features arranged therein substantially in conformance with the desired structure.

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